

PROCESS FOR PREPARING PERFLUORINATED ORGANIC  
COMPOUNDS BY ELECTROCHEMICAL FLUORINATION

ABSTRACT OF THE DISCLOSURE

A novel process for the continuous preparation of perfluorinated organic compounds by electrochemical fluorination of the parent non-fluorinated or partially fluorinated organic compounds, in which the quantity of charge which the electrolyte can still take up is kept in the range from about 5 Ah per kg of electrolyte to about 600 Ah per kg of electrolyte during the electrochemical fluorination, can be operated continuously over a prolonged period of time without the electrode area-time yield decreasing over time and without the formation of polymeric by-products occurring.

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